

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINE OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
1	379	702/80-84,179-188.ccls. and 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 19:41
2	11020	702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:42
3	2318	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) with (process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 19:46
4	68	(702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) with (process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab)).clm.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 19:43
5	68	(702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) with (process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab)).clm.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 19:44
6	68	(702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) with (process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab)).clm.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 20:23
7	188184	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)) or ((first and second) near2 (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)) or (another near2 (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:38
8	783947	(subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) with (process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab or measur\$8 or (cycle near2 time) or pressure or temperature or temp)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 19:48

9	15255	(subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) with (process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab or measur\$8 or (cycle near2 time) or pressure or temperature or temp) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevaluat\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:40
10	4939	((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) with (process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab or measur\$8 or (cycle near2 time) or pressure or temperature or temp) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevaluat\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)) or ((first and second) near2 (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)) or (another near2 (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 19:50
11	97	(702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) with (process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab or measur\$8 or (cycle near2 time) or pressure or temperature or temp) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevaluat\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)) or ((first and second) near2 (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)) or (another near2 (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 19:50
12	9	6061640.URPN.	USPAT	2004/09/11 20:14
13	19	5715181.URPN.	USPAT	2004/09/11 20:23
14	2	6681197.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 20:24
15	111236	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or ((first and second) near2 set) or (another near2 set)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:47

16	2727	((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) near4 (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:48
17	658	((((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or ((first and second) near2 set) or (another near2 set)))) and (((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) near4 (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:42
18	9	(702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or ((first and second) near2 set) or (another near2 set)))) and (((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) near4 (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:50
19	112526	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3 or histogram) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or ((first and second) near2 set) or (another near2 set)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:48
20	117636	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3 or histogram) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or ((first and second) near2 set) or (another near2 set)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:49
21	4433	((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9) near5 (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:59
22	144624	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3 or histogram) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9 or ((first and second) near2 set) or (another near2 set)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:49

24	1423	((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9) near5 (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3 or histogram) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9 or ((first and second) near2 set) or (another near2 set))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 22:00
25	21	(702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9) near5 (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3 or histogram) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9 or ((first and second) near2 set) or (another near2 set))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 21:50
26	9341	((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9) with (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 22:07
27	2663	((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9) with (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3 or histogram) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9 or ((first and second) near2 set) or (another near2 set))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 22:00
28	39	(702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9) with (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3 or histogram) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9 or ((first and second) near2 set) or (another near2 set))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 22:00

29	18	((702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9) with (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3 or histogram) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9 or ((first and second) near2 set) or (another near2 set)))))) not ((702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9) near5 (requir\$7 or target\$4 or specifi\$8 or criteria or spec or evaluat\$4 or desired or range or limit or threshold)) with (repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevalu\$5 or iterat\$5 or re-filter\$3 or refilter\$3 or resimulat\$4 or re-simulat\$4 or remodel\$4 or re-model\$4 or rematch\$4 or re-match\$4)) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3 or histogram) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data or cluster\$4 or class\$9 or ((first and second) near2 set) or (another near2 set))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 22:00
-	740	702/80-84.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/09 21:00
-	5	("20030213613" "20030163212" "20030114948" "20020193899" "20020026257").PN.	USPAT; US-PGPUB	2004/09/09 20:57
-	155848	438/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/09 21:09
-	53463	(histor\$8 or previous or past or statistic\$7 or experimental\$2 or empirical\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 00:33
-	1218	(438/\$.ccls. or 702/80-84,179-188.ccls. or 700/\$.ccls.) and ((histor\$8 or previous or past or statistic\$7 or experimental\$2 or empirical\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/09 21:25
-	308	702/80-84,179-188.ccls. and ((histor\$8 or previous or past or statistic\$7 or experimental\$2 or empirical\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/09 21:25
-	63	702/80-84.ccls. and ((histor\$8 or previous or past or statistic\$7 or experimental\$2 or empirical\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 00:21



-	147441	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or prior) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)).clm	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 22:48
-	4623	702/80-84,179-188.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 21:38
-	6776	700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 21:39
-	753	((((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or prior) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)).clm) and (702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 21:39
-	57	((((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or prior) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)).clm) and (702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.)) and (702/80-84,179-188.ccls. and 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 21:40
-	109134	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 00:29
-	58381	((repeat\$7 or re-iterat\$7 or reiterat\$7 or recompute\$7 or recalculate\$4 or re-comput\$7 or re-calculate\$4 or re-evaluat\$5 or reevalu\$5) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 22:59
-	831197	((process\$3 or condition\$3 or setting or temp or temperature or pressure or time or cycle or speed or size or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 00:22
-	8143	((((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))) and (((repeat\$7 or re-iterat\$7 or reiterat\$7 or recompute\$7 or recalculate\$4 or re-comput\$7 or re-calculate\$4 or re-evaluat\$5 or reevalu\$5) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))) and (((process\$3 or condition\$3 or setting or temp or temperature or pressure or time or cycle or speed or size or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 23:01



-	90	(702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))) and (((repeat\$7 or re-iterat\$7 or reiterat\$7 or recomput\$7 or recalculat\$4 or re-comput\$7 or re-calculat\$4 or re-evaluat\$5 or reevaluat\$5) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))) and (((process\$3 or condition\$3 or setting or temp or temperature or pressure or time or cycle or speed or size or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/10 23:01
-	10	("3329181"   "3942021"   "4017976"   "4149089"   "4163321"   "4221974"   "4794963"   "4805679"   "5262956"   "6463402").PN.	USPAT	2004/09/10 23:36
-	27	("5225998"   "5311131"   "5442562"   "5467883"   "5510976"   "5644232"   "5649070"   "5682465"   "5694524"   "5737496"   "5818231"   "5835901"   "5841676"   "5937372"   "5943237"   "6032106"   "6055463"   "6098063"   "6110214"   "6131076"   "6134510"   "6141647"   "6246972"   "6363333"   "6396270"   "6424876"   "6522939"   "2002/0082495"   "2002/0127529"   "2002/0169579"   "2003/0006770").PN.	USPAT	2004/09/10 23:42
-	967995	((process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab or technology or part or component) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or data-set or class or dataset or subdata or sub-data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 19:48
-	70469	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))) and (((process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab or technology or part or component) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or data-set or class or dataset or subdata or sub-data)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 00:28
-	675741	((process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or data-set or class or dataset or subdata or sub-data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 00:28
-	60041	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))) and (((process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or data-set or class or dataset or subdata or sub-data)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 00:29
-	509	(702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data))) and (((process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or data-set or class or dataset or subdata or sub-data))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 00:29

-	9390	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 00:30
-	17319	((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data)) with (process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 00:30
-	68	(702/80-84,179-188.ccls. or 700/9,28-30,32,33,36,47,49,51,97-111,121,171,173,174,179.ccls.) and (((histor\$8 or previous\$3 or past or statistic\$7 or experimental\$2 or empirical\$3 or recent\$3) with (subset or sub-set or subgroup\$4 or sub-group\$4 or partition\$4 or group\$4 or dataset or subdata or sub-data) with (process\$3 or condition\$3 or operation\$4 or manufactur\$4 or fabricat\$4 or tool\$3 or etch\$3 or deposit\$4 or planariz\$7 or RTP or WET or metrology or inspect\$4 or fab)).clm.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/11 01:29